## U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE NEBRASKA

## OPERATION AND MAINTENANCE PLAN IRRIGATION SYSTEM - TAILWATER RECOVERY

La	andowner/Operator			· · · · · · · · · · · · · · · · · · ·
Jol	ob Location	GPS		
Co	ountyN	IRD	Farm/Tract No	
Pre	repared By		Date	
Ol	PERATION AND MAINTENA	ANCE ITEMS		
be and all res	e reused for an irrigation supply. nd carrying out a good operation all conservation practices and is re	The life of this installation and maintenance program equired for all practices installations.	er from the irrigation system to a point on can be assured and usually increased. Operation and maintenance (O&M) stalled with NRCS assistance. The lartice and as may be required by federal,	d by developing is necessary for nduser is
suc	uch a manner that will result in th	le least adverse impact on led. Maintenance include	ws, regulations, ordinances, and easen the environment and will permit the p es work to prevent deterioration of the	ractice to serve
Ne	ecessary operation and maintena	nce items for this practice	include:	
	vegetation. Maintain vigorous of herbicides, and burning who the growing season to control of	s growth of vegetative covern necessary. Periodic mo excessive growth. Burnin	ms including controlling erosion and userings. This includes reseeding, fertile owing or controlled grazing may also be general follow all state and local laws. Compatible with desired vegetation.	izing, application be needed during
			which the tailwater was captured, insi in the water that might adversely effect	
	Control aquatic vegetation, wh label restrictions, state, and fee		orage or outflow from the reservoir or cide/herbicide application.	pit. Follow all
	Control noxious weeds in acco	ordance with state and loca	al laws.	
	Control field soil erosion to he	elp minimize sediment dep	oosits in tailwater facilities.	
	Minimize erosion in collection deposits in storage facilities, so		ts. Controlling erosion helps minimize pelines and ditches.	e sediment
	Periodically clean and re-grade	e collection facilities to m	aintain proper flow lines and functions	ality.
	Periodically remove sediment	from traps and/or storage	facilities to maintain design capacity a	and efficiency.

M	<ul> <li>4447-2</li> <li>Prevent, and if necessary, remove crop residue and foreign debris from entering water conveyance facilities.</li> <li>Periodically check and remove debris as necessary from trash racks and structures to assure proper operation</li> </ul>	1.
	Inspect and /or test pipelines and pumping plant components and appurtenances, as applicable. Periodically check all above-ground pipeline connections and structures for leaks and proper operation. Repair leaks immediately.	
	Perform routine maintenance of all mechanical components in accordance with the manufacturer's recommendations. This may include performing motor and engine maintenance according to a fixed schedu based on hours of operation in addition to "as needed" maintenance based on observation.	le
	Maintain pumps, structures, storage facilities, conveyance pipelines, and ditches in good operating condition by performing O & M per site-specific recommendations for each component.	1
	If fences are installed, they shall be maintained to prevent unauthorized human or livestock entry.	
	Immediately repair any vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets, or othe appurtenance.	er
	Eradicate or otherwise remove all rodents or burrowing animals and repair any damage caused by their activity.	
	special Operation and Maintenance Requirements:	
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